

**REMARKS**

Applicant respectfully requests that the foregoing amendments be made prior to examination of the present application.

Respectfully submitted,

Date

Aug. 17, 2001

By

Stephen B. Maebius

FOLEY & LARDNER  
3000 K Street, N.W., Suite 500  
Washington, D.C. 20007-5109  
Telephone: (202) 672-5571  
Facsimile: (202) 672-5399

Stephen B. Maebius  
Attorney for Applicant  
Registration No. 35,264

**MARKED UP VERSION OF AMENDED CLAIMS**

5. A method for producing [the] a protein [of claim 4.] encoded by a DNA selected from the group consisting of:

(a) a DNA encoding a protein consisting of the amino acid sequence described in SEQ ID NO: 2 or 4;

(b) a DNA comprising the coding region of the base sequence described in SEQ ID NO: 1 or 3;

(c) a DNA encoding a mutant protein consisting of the amino acid sequence described in SEQ ID NO: 2 or 4 wherein one or more amino acids are substituted, deleted, inserted, and/or added, said mutant protein being a functional equivalent to the protein consisting of the amino acid sequences described in SEQ ID NO: 2 or 4; and

(d) a DNA hybridizing to the DNA consisting of the base sequence described in SEQ ID NO: 1 or 3, and encoding a protein that is a functional equivalent of the protein consisting of the amino acid sequence described in SEQ ID NO: 2 or 4,

which comprises the steps of:

culturing the host cells of claim 3, and

recovering the expressed protein from said host cells or from the culture supernatant thereof.

10. A compound that binds to [the] a protein [of claim 4.] encoded by a DNA selected from the group consisting of:

(a) a DNA encoding a protein consisting of the amino acid sequence described in SEQ ID NO: 2 or 4;

(b) a DNA comprising the coding region of the base sequence described in SEQ ID NO: 1 or 3;

(c) a DNA encoding a mutant protein consisting of the amino acid sequence described in SEQ ID NO: 2 or 4 wherein one or more amino acids are substituted, deleted, inserted, and/or added, said mutant protein being a functional equivalent to the protein consisting of the amino acid sequences described in SEQ ID NO: 2 or 4; and

(d) a DNA hybridizing to the DNA consisting of the base sequence described in SEQ ID NO: 1 or 3, and encoding a protein that is a functional equivalent of the protein consisting of the amino acid sequence described in SEQ ID NO: 2 or 4,

wherein said compound can be isolated using the method of claim 9.